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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

21874 7590 11/18/2003

EDWARDS & ANGELL, LLP
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Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Michelle P. Chicos

(Depositor's name)

Michelle P. Chicos

(Signature)

February 17, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/846,462	05/01/2001	Jia-Shyong Cheng	55733	4634

TITLE OF INVENTION: STRUCTURE OF IN-PLANE SWITCHING MODE LCD WITH IMPROVED APERTURE RATIO OF PIXEL REGION AND PROCESS FOR PRODUCING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	02/18/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
SCHECHTER, ANDREW M	2871	349-141000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Peter F. Corless
2. Steven M. Jensen
3. Edwards & Angell, LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Hannstar Display Corporation

Taiwan, R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 04-1105 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

(#42,693)

2/17/04

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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02/24/2004 AWONDAF2 00000114 09846462

01 FC:1501
02 FC:1504
03 FC:8001

1330.00 OP
300.00 OP
30.00 OP



Attorney Docket No. 55733 (71131)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: J. Cheng et al.

U.S. SERIAL NO.: 09/846,462

GROUP: 2871

FILED: May 1, 2001

EXAMINER: A. Schechter

FOR: STRUCTURE OF IN-PLANE SWITCHING MODE LCD WITH
IMPROVED APERTURE RATIO OF PIXEL REGION AND PROCESS
FOR PRODUCING THE SAME

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF PAYMENT OF ISSUE FEE
(37 C.F.R. SECTION 1.311)

CERTIFICATE OF MAILING

I, the undersigned, do hereby certify that I have on the date set below, deposited this document and all related documents with the United States Postal Service, Postage Prepaid, First Class, to the Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: February 17, 2004

By:

Michelle P. Chicos

Michelle P. Chicos

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL - 85.
2. Fee (37 C.F.R. section 1.18(a) and (b)):

Application status is: **Regular**

- | | | | |
|--|-------------------------------|-------------------------------------|------------|
| <input type="checkbox"/> | small business entity fee | <input type="checkbox"/> | \$ 665.00 |
| <input type="checkbox"/> | statement attached | | |
| <input type="checkbox"/> | statement filed on _____ | | |
| <input checked="" type="checkbox"/> | other than a small entity fee | <input checked="" type="checkbox"/> | \$1,330.00 |
| 3. Publication fee | | <input checked="" type="checkbox"/> | \$ 300.00 |
| 4. Advanced order of soft copies of patent fee | | <input checked="" type="checkbox"/> | \$ 30.00 |

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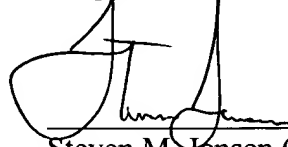
\$1,660.00

PAYMENT OF FEES

- ☒ Enclosed please find a check for \$1,660.00.
- ☒ Charge Account 04-1105 for any fee deficiency.
- ☐ Charge Account _____ the sum of \$ _____.

A duplicate of this request is attached.

Respectfully submitted,



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Date: February 17, 2004

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